The Door Contact Models IDC 200/601/701 is a battery operated, wireless door contact designed for use in Videofied security systems. Door contacts are intended for use in detecting the opening and closing of doors, windows, or cabinet doors/drawers.

The IDC 200/601/701 consist of a switch detector with S2View® spread spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communications with the control panel. A dual tamper function provides detection for both wall and cover tamper. The transmitter is typically installed on the stationary surface of an opening (door frame or window frame), while the magnet is installed on the door or window.

With the door or window closed, the magnetic field forces a reed switch inside the detector to close, creating a secured condition. When the alarm system is armed and the door or window is opened, the detector transmits an open signal. The control panel receives this signal and responds according to system configuration/programming.

The detector is powered by one lithium battery that can last up to four years, depending on the amount of detector activity. The detector transmits a check-in signal every eight minutes that includes its unique identification code along with the current alarm state, tamper conditions, serial number, date of manufacture, software version and battery status.

Features

> S2View®— Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.

> Supervised - transmits a check-in/status signal every 8 minutes indicating open/closed state, tamper conditions, serial number, date of manufacture, software revision and battery status.

> Dual tamper - provides detection for both wall and cover tamper.

> Duracell CR123A Lithium battery - Up to four years.

Applications

**Residential**

> Doors
> Windows
> Cabinet doors/drawers
> Other similar openings

**Commercial**

> Doors
> Windows
> Overhead garage doors
> Cabinet doors/drawers
> Other similar openings
Indoor Door Contact
IDC200/601/701

Properties
Panel Compatibility: XL, XLL, Visio, XT, XV and their variants

Power Requirements
Nominal Voltage: 3.0V
Low battery limit: 2.7V
Battery Type: Lithium
Quantity: 1
Manufacturer and reference: Duracell, CR123A
Battery life: Up to 4 years

Current Consumption
Standby: 35 µA
Max: 35 mA

Magnet Detection
Detection axis (X1, X2, Y, Z)
Opening detection distance: 20 / 20 / 29 / 41 (mm)
Closing detection distance: 4 / 6 / 16 / 24 (mm)
Initialization delay: 10s
Recovery delay: 2s

RF Technology
S²View®
Radio type: Spread Spectrum Bidirectional RF
Central Frequency:
- 868MHz: IDC200 & (Europe, Africa, Asia)
- 915 MHz FHSS: IDC601 (USA, Canada, South America)
- 920MHz FHSS: IDC701 (Australia, South America)
Transmission Security: AES algorithm encryption
Supervision: Polled signal every 8 minutes
Antenna: Integrated
Tamper: Wall and cover tamper

Installation / Mounting
Detector
One screw secures cover to base;
Two screws secure detector to mounting surface.

Magnet
Two screws secure magnet assembly to mounting surface.

Physical Data
Operating temperature: -10° to +55°C (14° to 131°F)
Maximum relative humidity: 75%, non-condensing
Material: Plastic – ABS—ULVO
Magnet: Alnico 5

Dimensions
LxWxD
Body: 3.7 x 1 x 0.86in (95 x 25.8 x 22mm)
Spacer: 2.5 x 0.59 x 0.39in (64 x 15 x 10mm)
Magnet: 2.5 x 0.59 x 0.43in (64 x 15 x 11mm)
Weight: Detector 38g/1.4oz. – without battery
Physical Protection: IP31 and IK04

Standards & Certifications
868MHz - IDC200 & IDC210
Certifications: CE / EN50131 / NF&A2P
EN300220-1 V2.4.1
EN300220-2 V2.4.1

NF&A2P – 2 boucliers – suivant le référentiel NF324-H58
Matériels de sécurité électroniques, détection d’intrusion
DETECTEUR D’OUVERTURE À CONTACT
Commercial Brand: Videofied
Product reference: IDC200 (blanc) IDC210 (brun)
Certification Number: 2123200004A0 2123200004B0

Standards
NF EN50131-2-6: 2008 Grade 2
RTC 50131-2-6: 2011
NF EN50131-5-3: 2005
NF EN50130-4: 2011
NF EN50130-5: 2011 Classe II

Certifying agency:
CNPP Cert.
Route de La Chapelle Réanville CS22265
F—27950 SAINT MARCEL
Tel : +33(0)2.32.53.63.63
Fax : +33(0)2.32.53.64.46
Sites Internet: http://www.cnpp.com
Email: certification@cnpp.com

AFNOR Certification
11, rue François de Pressensé
93571 Saint Denis La Plaine Cedex
Tel : +33(0)1.41.62.80.00
Fax: +33(0)1.49.17.90.00
Sites Internet: http://www.afnor.org
et http://www.marque-nf.com
Email: certification@afnor.org

Others Certifications
Netherlands – NCP
Singapore – IDA
South Africa – ICASA

915MHz FHSS - IDC601
Certifications
Canada: IC (RSS-210 Issue 8)

920MHz FFHS - IDC701
Certifications
Australie – C-Tick (AS-NZS4268)

EMEA SALES
23, avenue du Général Leclerc
92340 BOURG-LA-REINE
FRANCE
E-Mail : emeasales@rsivideotech.com

North American Headquarters
1375 Willow Lake Blvd, Suite 103
Vadnais Heights, MN 55110
USA
E-Mail : usasales@rsivideotech.com

www.videofied.com